GeometryQuiz01: Angles and Triangles

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Question 1

Find the measure of an angle that is complementary to a 43° angle.

Question 2

Two angles are supplementary. If one angle is 64°, find the other angle.

Question 3

In a triangle, one angle measures 90° and another measures 30°. Find the measure of the third angle.

Question 4

Find the value of x if the angles in a triangle are x, 2x, and 3x.

Question 5

The exterior angle of a triangle measures 110° and one of the opposite interior angles measures 45°. Find the other interior angle.

Question 6

In an isosceles triangle, each base angle measures 58°. Find the measure of the vertex angle.

Question 7

A regular hexagon has an exterior angle. What is the measure of each exterior angle?

Question 8

Two complementary angles are in the ratio of 1:2. Find the measures of the angles.

Question 9

The measures of the three angles of a triangle are in the ratio 2:3:4. Find each angle.

Question 10

Find the measure of each interior angle of a regular pentagon.